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T. O. No. 08-55-68

RADIO, RADAR AND ELECTRONICS SPARE PARTS LIST

for

BC-1077-A & BC-1277-A

(including Appendices "A" and "Army")

NOTE: This Technical Order supersedes Issue A of Standard Maintenance List No. T-31, dated 24 May 1944.

Radio, Radar and Electronics ANB Spare Parts List No. 75 was used as a guide in the preparation of this list.

In this list the first numeral appearing in the page number indicates the section and the second numeral indicates the page number of that section.

Published by Authority of the Commanding General Army Air Forces

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LIST OF REVISED PAGES ISSUED

NOTE: A heavy black vertical line, to the left of the text on revised pages, indicates the extent of the revision. This line is omitted where more than 50 percent of the page is revised.

THIS ISSUE CONTAINS NO REVISION PAGES.

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A

RADIO, RADAR AND ELECTRONICS SPARE PARTS LIST

for

SIGNAL GENERATOR BC-1077-A and BC-1277-A

NOTES:
1. Quantities are based on requirements for maintenance and repair of 5 equipments for a period of one year's operation, in accordance with JAC Case 1850, Section Two (g), Revision C. Unit of quantity is "each" unless otherwise indicated.
2. Only those items marked with the symbol # are available to operating personnel. All other items are available to maintenance and repair personnel only.
3. "0" in the quantity column indicates that such parts have been procured on at least one order for this equipment, but engineering determinations have been reached which indicate that none should be shipped in the Spare Parts Group. However, such parts are available in the main supply depots for requisitioning purposes, if needed, and are therefore listed herein. No more of these items should be procured.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
1	271	1	ATTENUATOR, fixed: brass, gold plated; consists of tube assembly, dial assembly, block, slider assembly, shaft assembly, shaft hanger, collar, gear, spring, clutch, and cable assembly. WE #ES-692367-3.
2	272 (Used in BC-1277-A only)	1	ATTENUATOR ASSEMBLY, variable: UHF loop coupling; brass; attenuation from 15DB to 115DB; overall 3 1/2" lg x 3/4" w x 7/8" thk; shaft 7/8" lg x 1/4" diam, flattened end; with connecting cables. WE #ES-691533-2.
3		0	BASE, tube shield: consists of silver plated shield; silver plated brass base; silver plate brass cup; 4 nickel plated brass studs; aluminum plate; 3 1/4" diam x 2 7/16" d. WE #ES-691697-1.
4		1	BLOCK, pillow: brass; black lacquered; 1" lg x 1/4" h x 3/16" d; 2 holes 0.125" diam drilled on side; WE #ES-690126-6.
5		1	BOARD, terminal: 2 Zierrick #150 terminals; natural phenolic; rectangular plate 1 7/8" lg x 3/4" w x 1/16" thk. WE #ES-692283-1.
6	284	1	BOARD, terminal: 8 double end staggered terminals; phenolic plastic base; 1 9/32" x 1 15/32" x 1 9/16". WE #D-166220.
7		1	BOARD, terminal: 8 solder lug terminals; natural phenol fiber; 3 3/4" lg x 7/16" w. WE #ES-690042-4.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
8		1	BOARD, terminal: 8 Zierrick #150 terminals; natural phenolic rectangular plate; 2 1/4" lg x 3/4" w x 1/16" thk. WE #ES-692283-2.
9		1	BOARD, terminal: 8 Zierrick #150 terminals; natural phenolic rectangular plate; 2 1/4" lg x 3/4" w x 1/16" thk; mtg brackets on rear. WE #ES-692283-10.
10		1	BOARD, terminal: 10 Zierrick #150 terminals; natural phenolic rectangular plate; 2 5/8" x 3/4" x 1/16". WE #ES-692283-3.
11		1	BOARD, terminal: 12 Zierrick #150 terminals; natural phenolic rectangular plate; 3" x 3/4" x 1/16". WE #ES-692283-4.
12		1	BOARD, terminal: 18 Zierrick #150 terminals; natural phenolic rectangular plate; 4 1/8" x 3/4" x 1/16". WE #ES-692283.5.
13	(Used in BC-1077-A only)	1	CABLE, RF: coaxial; flexible; 22 7/8" lg; single conductor #22 AWG tinned copper wire; rubber covered, 2 braided copper shields, final covering black braided cotton; wax impregnated; has no termination. WE #ES-692737-4.
14	(Used in BC-1077-A only)	1	CABLE, RF: coaxial; 25 1/4" lg; single conductor; #22 AWG tinned copper wire; rubber covered, 2 braided copper shields, final covering cotton braid, wax impregnated. WE #ES-692737-2.
15	(Used in BC-1077-A only)	1	CABLE, RF: coaxial; flexible; 26 1/8" lg; single conductor #22 AWG tinned copper wire; rubber covered, 2 braided copper shields, final covering cotton braid, wax impregnated. WE #ES-692737-1.
16		2	CABLE ASSEMBLY, power: Sig C Cord CD-617; three #16 AWG stranded wire; input terminals Sig C Plug PL-P243, output 35 ft lg termination Sig C Plug PL-P242. WE #ES-690129-1.
17		1	CABLE ASSEMBLY, RF: attenuator calibration cord approx 23 ft lg; consists of Army-Navy Cable RG-39/U terminated with jack WE #D-163596 and plug WE #ESL-641745. WE #ES-690129-15.
18	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial; flexible; 6 5/16" lg; #22 AWG solid copper wire; rubber covered, 2 copper braided shields, final covering of black braided cotton, wax impregnated; one end skinned for 1/2"; other end has silver plated hard brass connector 7/16" lg x 7/16" diam with 3/8"-48 thread on shoulder. WE #ES-692737-8.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE.
19	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial; flexible; 8" lg; 7 strands #30 AWG wire; insulated with plastic capeline B, 2 copper braids; outer covering cotton braid; one end terminated in attenuator assembly; other end in probe with adapter 3/4" diam at one end; other end .3075". WE #ES-692737-22.
20	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial; flexible; 8 3/4" lg; 7 strands #30 AWG wire; insulated with plastic capeline B, 2 copper braids; outer covering cotton braid; one end terminated in attenuator assembly; other end in probe with adapter 3/4" diam at one end; other end .3075". WE #ES-692737-24.
21	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial; flexible; 8 7/8" lg; single conductor #22 AWG tinned copper wire; rubber covered, 2 braided copper shields final covering black braided cotton wax impregnated; one end skinned 1/2"; other end terminated with silver plated hard brass connector with 3/8"-48 threads. WE #ES-692737-6.
22		1	CABLE ASSEMBLY, RF: coaxial; flexible; 10 1/2" lg; 7 strands #30 AWG wire; insulated with plastic capeline B, 2 copper braids; outer covering cotton braid; one end terminates in attenuator assembly; other end in probe with adapter 3/4" diam at one end, other end .3075". WE #ES-692737-18.
23	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial, flexible; 14" lg; single conductor #22 AWG tinned copper wire; rubber covered; 2 braided copper shields, final covering of black braided cotton, wax impregnated; both ends terminated in silver plated hard brass connector with 3/8"-48 thread on shoulder. WE #ES-692737-12.
24		1	CABLE ASSEMBLY, RF: coaxial; flexible; 15 5/8" lg; #22 copper wire; rubber covered, 2 braided copper shields, cotton braid covered, wax impregnated; terminated each end in plug WE #D-168143. WE #ES-692737-25.
25	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial, flexible; 18 3/4" lg; #22 AWG tinned solid copper wire; rubber covered, 2 braided copper shields. WE #ES-692737-3.

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26	(Used in BC-1077-A only)	1	CABLE ASSEMBLY, RF: coaxial; flexible; 21" lg; single conductor of #22 AWG tinned copper wire; rubber covered, 2 braided copper shields final covering black braided cotton, wax impregnated; one end terminated in silver plated hard brass connector with 3/8"-48 threads on shoulder; other end terminated with gold plated brass tubing 3 1/8" lg x x 3/8" diam; tube has 60 degree notch 1/16" d and 2 holes .125" diam on same end. WE #ES-692737-10.
27	(Used in BC-1077-A only)	2	CABLE ASSEMBLY, RF: Sig C Cord CD-804-A; approx 10 ft long; 2 plug assemblies painted with orange band. WE #ES-690129-3.
28		1	CAP, tube shield: silver plated brass; 1 3/4" dia x 3/8" threaded; 2 coats black lacquer finish for portion of diam. WE #ES-690041-7.
29	285-1 thru -4	2	CAPACITOR, fixed: air; consists of silver plated brass body 1" diam x 9/16" d; brass plate with rod inserted through center; polystyrene washer; fiber ring; silver plated washer. WE #ES-691491-6.
30	241-1,-2		(30-A) CAPACITOR, fixed: mica; 50 mmf ± 5%; 1800 vdcw; molded bakelite case.
		1	OR (30-B) CAPACITOR, fixed: mica; 50 mmf ± 5%; 500 vdcw.
31	242		(31-A) CAPACITOR, fixed: mica; 2000 mmf ± 5%; 800 vdcw.
		1	OR (31-B) CAPACITOR, fixed: mica; 2000 mmf ± 5%; 500 vdcw.
32	243-1 thru -3, 244	1	CAPACITOR, fixed: mica; 5000 mmf ± 5%; 500 vdcw.
33	248-1 thru -3	2	CAPACITOR, fixed: paper; 100,000 mmf + 20% - 10%; 600 vdcw.
34	251-1,-2	1	CAPACITOR, fixed: paper; 250,000 mmf + 20% - 10%; 400 vdcw.
35	249-1 thru 249-9	3	CAPACITOR, fixed: paper; 250,000 mmf + 20% - 10%; 600 vdcw; 1 11/16" high x 1 5/16" wide x 11/16" d case.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
36	298	1	CAPACITOR, fixed: paper; 250,000 mmf ± 20%; 600 vdcw.
37	245	1	CAPACITOR, fixed: paper; 4 mf ± 10%; 600 vdcw.
38	246-1 thru -3	1	CAPACITOR, fixed: paper; 4 mf ± 10%; 1000 vdcw; metal case.
39	247	1	CAPACITOR, fixed: paper; 6 mf ± 10%; 600 vdcw; metal case.
40	250	2	CAPACITOR, fixed: paper; 2 section 250,000 mmf + 20% - 10%; 800 vdcw; metal can.
41	273	1	CAVITY, tuned: block assembly; consists of 2 clamping rings, 7 plugs, 8 bushings; 2 split clamping rings, probe, 2 clamp nuts. WE #ES-681784-1.
42		1	CLAMP, ground: tin plate copper; "P" shaped; 7/8" x 1/2" x 5/16". WE #ES-690042-7.
43	281	1	COIL, radio, AF: choke; retardation; single winding; DC resistance 5 ohms; 77.5 to 82.5 microhenries; overall dimen 1 7/16" across terminal x 1 5/32" h; tapped mtg hole on end. WE #D-162728.
44	278	1	COIL, radio, AF: choke; retardation; single winding; 3.4 h inductance at 0.210 ohms; DC resistance 83 ohms; 3 1/4" w x 2 9/16" d x 2 1/2" h overall. WE #D-163067.
45		1	CONNECTOR, female contact: pressure type; single socket contact; WE #ES-690041-8.
46	263-1 thru -3	1	CONNECTOR, female contact: Sig C Plug PL-125; single socket contact; overall dimen 1 9/32" lg x 7/16" diam (replaces plug D-1601431). WE #D-163595.
47		1	CONNECTOR, female contact: Sig C Plug PL-P242; AN-3106-20-6S; 3 socket contacts; for cord CD-617; aluminum alloy shell 2 1/8" x 1 15/32".
48	267-1 thru -3 (Used in BC-1077-A only)	2	CONNECTOR, female contact: Sig C socket SO-213; single socket contact; WE #ESO-683146-2.
49	267-1 thru -3 (Used in BC-1277-A only)	2	CONNECTOR, female contact: Sig C socket SO-239; single socket contact. WE #D-164459.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
50	283	1	CONNECTOR, male contact; type AN-3102-20-6P; 3 pin contacts; overall dimen 1 7/8" x 1 3/4".
51		1	CONNECTOR, male contact: Sig C Plug PL-P243; type AN-3106-22-10P; 4 pin contact; for Cord CD-617; aluminum alloy shell 2 1/8" x 15/32".
52	264	1	CONNECTOR, male contact: consists of brass block and coaxial jack. WE #ES-690119-1.
53	(Used in BC-1277-A only)	1	CONNECTOR ASSEMBLY: male contact: coaxial; dual; consists of 2 silver plated brass tubes 2 1/4" lg x 7/16" OD x .378" ID mounted in 1/4" thk brass block 1 3/8" lg x 5/8" w. WE #ES-691494-8.
54	262-1,-2 265-1,-2 (Used in BC-1277-A only)	2	CONNECTOR ASSEMBLY, male contact: dual coaxial jack shells and dual microswitch; consists of cadmium plated steel bracket, 2 coaxial jack shells stamped 265-1,-2, 2 microswitch type BZ-7RL21 stamped 262-1,-2; 3 tinned copper shield ground clamps; overall 2 7/8" x 1 3/4" x 1 5/8". WE #ES-691494-7.
55	265-1,-2 (Used in BC-1077-A only)	2	CONNECTOR ASSEMBLY, male contact: consists of 3 tinned copper shield ground clamps; 2 microswitches, WE type BZ-7RL21; cadmium plated steel mtg brackets and tinned jack shield clamps P shaped; overall 2 7/8" w x 111/16" h x 1 11/16" d. WE #ES-691494-6.
56		1	COUPLING, flexible drive: Alsimag #196 insulation; phosphor bronze springs; nickel plated brass hubs; four #6-32 steel set screws; 1 1/4" max diam x 3/4" lg for 1/4" diam shaft; Cardwell type A.
57		1	COUPLING, flexible drive: couples two 1/4" shafts or one 1/4" shaft and one 3/16" shaft; 3/4" lg x 1/2" dia; DRM type EC-240.
58	286-1,-2 (Used in BC-1077-A only) early models	0	CRYSTAL UNIT, rectifying: cartridge type holder; consists of an isolantite tube containing RMA type 1N21 crystal; cat whisker; brass cap on each end. WE #D-162836.
59	286-1,-2	10#	(59-A) CRYSTAL UNIT, rectifying: RMA type #1N21. WE #D-163366. OR (59-B) CRYSTAL UNIT, rectifying: RMA type #1N22. WE #D-164389.
60	269 (Used in BC-1077-A only)	1	CRYSTAL ASSEMBLY: consists of crystal block assembly, rod, tube, termination assembly, and assembling tool. WE #ES-694308-10.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
61		1	DISC: silver plated brass; 1 7/16" dia x 1/2" thk; shielding for top of oscillator tube. WE #ES-690041-6.
62	282-1,-2	20#	FUSE, cartridge: 5 amp, 250 v; Littlefuse type 3AG-1358; to be furnished in metal box containing 5 ea; 1 7/8" x 1 3/8" max dimen; Bussman MTH.
63		0	HANDLE, case: consists of zinc plated steel rod; mounted in 2 plates made of sheet steel zinc plated. WE #ES-691489-1.
64		1	HOLDER, fuse: 8AG fuses; black bakelite; cylindrical 7/16" dia x 2" w. (Replaces Littlefuse Type 1075).
65		1	KNOB, round: black bakelite less pointer; 1 1/8" dia x 23/32" h for attenuator. WE #ES-691509-4.
66		1	KNOB, round: black molded bakelite; steel shank for 1/4" dia shaft; 2 #10-32 cup point screws for tightening shaft; 1 1/8" dia x 9/16" d. WE #ES-690037-2.
67	(Used in BC-1077-A only)	1	KNOB, round: black cro-plastic; 1/4" dia shaft hole; 8 #32 set screws; 5/8" dia x 7/16" dia x 7/16" d. WE #ES-691535-6.
68		1	KNOB, round: phenolic; 1/4" shaft; 2 Bristo set screws; white pointer; 1 1/8" dia x 5/8" h overall.
69	275-1,-2 (Used in BC-1077-A only)	10#	LAMP, incandescent: Sig C Lamp LM-19; 2.47 v, 0.30 amp; G3-1/2 clear bulb; miniature screw type base.
70	275 (Used in BC-1277-A only)	10#	LAMP, incandescent: Sig C Lamp LM-23; 2.5 v, 0.50 amp; bulb T-3-1/4" clear; miniature screw base; (may be used in BC-1077-A, Ref 275-1 if lamp Ref 275-2 is removed).
71	274	2	METER, milliammeter: DC; 0-50 ma; flush mounting bakelite case; dimen 2 3/4" diam x .97" below panel. WE type 301.
72	270	1	METER ASSEMBLY, frequency: calibrated; consists of a counter dial type position indicator, crystal block and current loop. WE #X-63624B.
73		0	PLATE, base: bridge; consists of sheet steel bracket; baseplate; plate 4 1/2" h x 2 1/4" x 2 1/8" d; bracket is "L" shaped 1/2" h x 1/2" w x 1/2" d. WE #ES-691535-1.

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74	227 (Used in BC-1077-A only)	2	RESISTOR, adjustable: wirewound; 1000 ohms ± 10%; 20 watt.
75	228-1 thru -5	3	RESISTOR, fixed: composition; 10 ohms ± 5%; 1/2 watt.
76	226	1	RESISTOR, fixed: wirewound; 20 ohms ± 10%; 7.4 watt.
77	235	1	RESISTOR, fixed: composition; 30 ohms ± 5%; 1 watt.
78	229 (Used in BC-1077-A only) 229-1,-2 (Used in BC-1277-A only)	2	RESISTOR, fixed: wirewound; 43.7 ohms ± 10%; 1/4 watt; WE type 106A (Replace Ref 229, BC-1077-A with 2 in parallel).
79	276-1,-2 (Used in BC-1077-A only) 276 (Used in BC-1277-A only)	2	RESISTOR, fixed: wirewound; 47 ohms ± 10%; 2 watt. (Replaces Ref 276-1,-2, BC-1077-A 1 used).
80	230-1,-2	2	RESISTOR, fixed: composition; 51 ohms ± 5%; 1/2 watt.
81	236-1 thru -4	2	RESISTOR, fixed: composition; 51 ohms ± 5%; 1 watt.
82	231-1,-2	2	RESISTOR, fixed: composition; 75 ohms ± 5%; 1/2 watt .
83	232-3,-5, -6,-7	2	RESISTOR, fixed: composition; 100 ohms ± 5%; 1/2 watt.
84	233	2	RESISTOR, fixed: composition; 160 ohms ± 5%; 1/2 watt.
85	234	2	RESISTOR, fixed: composition; 200 ohms ± 5%; 1/2 watt.
86	200-1,-2	1	RESISTOR, fixed: composition; 510 ohms ± 5%; 1/2 watt.
87	297-1 thru -3	2	RESISTOR, fixed: composition; 1000 ohms ± 5%; 1/2 watt.
88	237-1,-2	2	RESISTOR, fixed: wirewound; 1500 ohms ± 5%; 40 watt.
89	201-1 thru -3	2	RESISTOR, fixed: composition; 2000 ohms ± 5%; 1/2 watt.
90	220-1,-2	1	RESISTOR, fixed: composition; 2000 ohms ± 5%; 2 watt.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
91	238-1,-2	2	RESISTOR, fixed: wirewound; 2000 ohms ± 5%; 40 watt.
92	239	2	RESISTOR, fixed: wirewound; 2250 ohms ± 5%; 40 watt.
93	202-1,-2	1	RESISTOR, fixed: composition; 3000 ohms ± 5%; 1/2 watt.
94	203	1	RESISTOR, fixed: composition; 3900 ohms ± 5%; 1/2 watt.
95	204	1	RESISTOR, fixed: composition; 4300 ohms ± 5%; 1/2 watt.
96	205-1,-2	1	RESISTOR, fixed: composition; 5600 ohms ± 5%; 1/2 watt.
97	221-1,-2	1	RESISTOR, fixed: composition; 7500 ohms ± 10%; 2 watt.
98	206-1 thru -6	3	RESISTOR, fixed: composition; 8200 ohms ± 5%; 1/2 watt.
99	207-1,-2	1	RESISTOR, fixed: composition; 10,000 ohms ± 10%; 1/2 watt.
100	222-1,-2	1	RESISTOR, fixed: composition; 10,000 ohms ± 10%; 2 watt.
101	240-1,-2	2	RESISTOR, fixed: wirewound; 16,000 ohms ± 5%; 40 watt.
102	223-1,-2	1	RESISTOR, fixed: composition; 18,000 ohms ± 10%; 2 watt.
103	224-1 thru -4	2	RESISTOR, fixed: composition; 24,000 ohms ± 10%; 2 watt.
104	225-1,-2	1	RESISTOR, fixed: composition; 43,000 ohms ± 10%; 2 watt.
105	208 (Used in BC-1077-A only)	1	RESISTOR, fixed: composition; 47,000 ohms ± 5%; 1/2 watt.
106	209-1 thru -3	2	RESISTOR, fixed: composition; 51,000 ohms ± 5%; 1/2 watt.
107	210-1,-2	1	RESISTOR, fixed: composition; 56,000 ohms ± 10%; 1/2 watt.
108	211	1	RESISTOR, fixed: composition; 62,000 ohms ± 5%; 1/2 watt.
109	213-1 thru -5	2	RESISTOR, fixed: composition; 100,000 ohms ± 5%; 1/2 watt.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
110	212	2	RESISTOR, fixed: wirewound; 107,250 ohms ± 1%; 1/2 watt; WE type 107A.
111	214 (Used in BC-1077-A only) 214-1,-2 (Used in BC-1277-A only)	1	RESISTOR, fixed: composition; 200,000 ohms ± 5%; 1/2 watt.
112	208 (Used in BC-1277-A only)	1	RESISTOR, fixed: composition; 250,000 ohms ± 10%; 1/4 watt.
113	215-1,-2 (Used in BC-1077-A only) 215-1 (Used in BC-1277-A only)	1	RESISTOR, fixed: composition; 300,000 ohms ± 5%; 1/2 watt.
114	216-1,-2	1	RESISTOR, fixed: composition: 470,000 ohms ± 10%; 1/2 watt.
115	217-1,-2	1	RESISTOR, fixed: composition; 510,000 ohms ± 5%; 1/2 watt.
116	218	1	RESISTOR, fixed: composition; 1 megohm ± 10%; 1/2 watt.
117	299	1	RESISTOR, fixed: composition; 1 megohm ± 10%; 2 watt.
118	219	1	RESISTOR, fixed: Sig C Resistor RS-193; composition; 3 megohm ± 10%; 1/2 watt.
119	253	1	RESISTOR, variable: wirewound; 15,000 ohms 4 watt; 1 5/8" dia x 9/16" d overall.
120	252-1,-2	1	RESISTOR, variable: wirewound; 20,000 ohms; 4 watt; 1 5/8" dia x 9/16" d overall. WE #ES-682046-51.
121	254-1,-2	2	RESISTOR, variable: wirewound; 70,000 ohms; 4 watt; 1 5/8" dia x 9/16" d case dimen. WE #ES-679305-31.
122	255	2	RESISTOR, variable: composition; 1 megohm ± 20%; 2 watt.
123		1	RING, clamping: silver plated brass; 2 1/4" dia x 5/8" d. WE #ES-690041-1.
124		1	RING, reducing: nickel plated brass; 7/8" dia x 1/4" d; external and internal threads. WE #ES-690116-6.
125		1	SCALE, dial: indicator: clear cellulose acetate; 1" lg x 5/8" w x 1/16" thk overall; rounded corners. WE #ES-690126-7.

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126		2	SCREW, thumb: steel; zinc plated; head 3/8" thk x 3/4" dia x 1 1/16" w; shank 3/4" lg with 1/4"-20 threads 7/16" lg. WE #ES-691489-2.
127		1	SHELL ASSEMBLY: upper; silver plated black lacquered brass; 1 1/2" OD x 0.065" wall x 2 1/2" lg. WE #ES-690041-6.
128		1	SOCKET, tube: filled bakelite; 8 prong; 1 1/4" dia x 13/16" d overall; Cinch type #9863.
129		1	SOCKET, tube: octal; molded insulation; 1 1/4" x 1 25/32" x 11/16" thk; 8 prong; Cinch type #9381.
130	261-1,-2	2	SWITCH, push: micro; normally open; panel mtg type; 1 15/16" lg x 11/16" w x 1 3/4" h overall.
131	257	2	SWITCH, rotary: 2 position, 1 section, 2 circuit; bakelite insulation; 1 3/4" x 2 3/8" x 3/4" lg overall less shaft and bushing.
132	277 (Used in BC-1277-A only)	2	SWITCH, rotary: 2 circuits, 11 positions; 2 section; non shorting; bakelite or steatite insulation; 2 1/8" lg x 1 7/8" dia. WE #BO-34192.
133	256	2	SWITCH, rotary: 4 position, 2 section, 4 circuit; shorting type; laminated bakelite.
134	277 (Used in 1077-A only)	0	SWITCH, rotary: 12 circuits, 12 position, 4 section; non shorting; bakelite wafers; 2 3/8" w x 2 3/4" h x 2 7/16" d overall; Mallory type 1400L.
135	258 (Used in BC-1077-A only) 258-1,-2 (Used in BC-1277-A only)	2	SWITCH, toggle: SPST; 3 amp, 250 v; bakelite base 27/32" lg x 1/2" d x 1/2" w. WE #ES-676800-6.
136	260	1	SWITCH, toggle: DPST; 3 amp, 240 v; bat type lever operated; phenolic case; rectangular 11/16" h x 1 5/3" x 9/16" d. WE #ES-676800-21.
137	259	2	SWITCH, toggle: DPDT; 3 amp, 250 v; black bakelite casing; 1 13/16" h x 1 3/4" x 11/16" overall. WE #ES-676800-18.
138	280	1	TRANSFORMER, power: filament; shell type 6 windings; 3 1/8" d x 4 1/8" w x 3 23/32" h overall. WE #D-163066.

ITEM NO.	REFERENCE SYMBOLS	QUANTITY (See Notes)	NAME OF PART, DESCRIPTION, AND EQUIPMENT CONTRACTOR'S PART NUMBER, IF AVAILABLE
139	279	1	TRANSFORMER, power: unpotted; shell type; 4 1/8" d x 5" w x 3 23/32" h overall. WE #D-163065.
140	290	4#	TUBE, electron: JAN-5T4; (VT-114).
141	287-1 thru -4	16#	TUBE, electron: JAN-6AC7; (VT-112).
142	288	4#	TUBE, electron: JAN-6L7; (VT-87).
143	293-1,-2	8#	(143-A) TUBE, electron: JAN-6SF5. OR (143-B) TUBE, electron: JAN-6SF5GT.
144	292-1,-2	8#	TUBE, electron: JAN-6Y6G; (VT-168-A)
145	291	4#	(145-A) TUBE, electron: JAN-6Z5YG OR (145-B) TUBE, electron: JAN-6X5GT/G; (VT-126-B).
146	296	4#	(146-A) TUBE, electron: JAN-707-A. OR (146-B) TUBE, electron: JAN-707-B.
147	289	4#	(147-A) TUBE, electron: JAN-1622. OR (147-B) TUBE, electron: JAN-6L6GA.
148	295	4#	TUBE, electron: JAN-0C3/VR-105; (VT-200).
149	294-1 thru -4	16#	TUBE, electron: JAN-0D3/VR-150; (VT-139).
150		1	WRENCH: crystal block assembling tool; 2" lg x 1/2" w x .042" thk; WE #ES-691463-3.
151		3	WRENCH, set screw: #4 Allen head.
152		3	WRENCH, set screw: #6 Allen head.

APPENDIX "A"

CROSS REFERENCE OF LIST ITEM NUMBERS AGAINST REFERENCE SYMBOLS
for
RADIO, RADAR AND ELECTRONICS
SPARE PARTS LIST
for
SIGNAL GENERATOR BC-1077-A and BC-1277-A

REFERENCE SYMBOLS	ITEM NO.
200-1,-2	86
201-1 thru -3	89
202-1,-2	93
203	94
204	95
205-1,-2	96
206-1 thru -6	98
207-1,-2	99
208 (BC-1077-A)	105
208 (BC-1277-A)	112
209-1 thru -3	106
210-1,-2	107
211	108
212	110
213-1 thru -5	109
214 (BC-1077-A)	111
214-1,-2 (BC-1277-A)	111
215-1,-2 (BC-1077-A)	113
215-1 (BC-1277-A)	113
216-1,-2	114
217-1,-2	115
218	116
219	118
220-1,-2	90
221-1,-2	97
222-1,-2	100
223-1,-2	102
224-1 thru -4	103
225-1,-2	104
226	76
227 (BC-1077-A)	74
228-1 thru -5	75
229 (BC-1077-A)	78
229-1,-2 (BC-1277-A)	78
230-1,-2	80
231-1,-2	82
232-3,-5,-6,-7	83
233	84
234	85
235	77
236-1 thru -4	81
237-1,-2	88
238-1,-2	91
239	92
240-1,-2	101
241-1,-2	30
242	31
243-1 thru -3	32
244	32
245	37
246-1 thru -3	38
247	39
248-1 thru -3	33
249-1 thru -9	35
250	40
251-1,-2	34
254-1,-2	121
252-1,-2	120
253	119
255	122
256	133
257	131
258 (BC-1077-A)	135
258-1,-2 (BC-1277-A)	135
259	137
260	136
261-1,-2	130
262-1,-2 (BC-1277-A)	54

REFERENCE SYMBOLS	ITEM NO.
263-1 thru -3	46
264	52
265-1,-2 (BC-1277-A)	54
265-1,-2 (BC-1077-A)	55
267-1 thru -3 (BC-1277-A)	49
267-1 thru -3 (BC-1077-A)	48
269 (BC-1077-A)	60
270	72
271	1
272 (BC-1277-A)	2
273	41
274	71
275 (BC-1277-A)	70
275-1,-2 (BC-1077-A)	69
276 (BC-1277-A)	79
276-1,-2 (BC-1077-A)	79
277 (BC-1077-A)	134
277 (BC-1277-A)	132
278	44
279	139
280	138
281	43
282-1,-2	62
283	50
284	6
285-1 thru -4	29
286-1,-2 (BC-1077-A)	58
286-1,-2	59
287-1 thru -4	141
288	142
289	147
290	140
291	145
292-1,-2	144
293-1,-2	143
294-1 thru -4	149
295	148
296	146
297-1 thru -3	87
298	36
299	117

CROSS REFERENCE OF SIGNAL CORPS STOCK NUMBER AGAINST LIST ITEM NUMBER
for
RADIO, RADAR AND ELECTRONICS
SPARE PARTS LIST
for
SIGNAL GENERATOR BC-1077-A and BC-1277-A

ITEM NO.	SIGNAL CORPS STOCK NUMBER	ITEM NO.	SIGNAL CORPS STOCK NUMBER
1	2Z395.24	32	3K4051222
2	2Z395.23	33	3DKA100-176
3	2ZK561	34	3DKA250-62
4	2ZK710	35	3DKA250-60
5	2Z9402.99	36	3DKA250-65
6	2Z9408.4	37	3DB4-39 (also shipped as 3DB4-3)
7	2Z9408.34		
8	2Z9408.42		
9	2Z9408.41	38	3DB4-54.1
10	2Z9410.33	39	3DKB6-13
11	2Z4612.46	40	3DKA250-61
12	2Z9418.18	41	2ZK11130-1
13	1FK4W1-1.22.87	42	2ZK2626.8
14	1FK4W1-1.25.25	43	3CK1988-8
15	1FK4W1-1.26.12	44	3CK1988-7
16	3E1617	45	2ZK3001-2
17	3F4036-276	46	2Z7255
18	1FK4W1-1.6.31	47	2Z7226-P242
19	1FK4A2.5	48	2Z8799-213
20	1FK4A2.6	49	2ZK8671.16
21	1FK4W1-1.8.87	50	2Z7113.9
22	1FK4A2.4	51	2Z7226-P243
23	1FK4W1-1.14	52	2ZK5575-7
24	1FK4W1-1.15.62	53	2Z5523.7
25	1FK4W1-1.18.75A	54	3F3933-57B/J1
26	1FK4W1-1.21	55	2ZK5523.8
27	3E1804A	56	2Z3290
28	2ZK8310-1/C1	57	3ZK3292
29	3DK8264	58	2ZK3521-IN
30	See 30-A and 30-B	59	See 59-A and 59-B
30-A	3DK9050-97	59-A	3HK4956-7.1
30-B	3D9050-77.3	59-B	3HK4956-21
31	See 13-A and 31-B	60	2ZK738
31-A	3DKA2-112	61	2ZK8310-1/D1
31-B	3DA2-114	62	3Z2605.2

ITEM NO.	SIGNAL CORPS STOCK NUMBER	ITEM NO.	SIGNAL CORPS STOCK NUMBER
63	6Z4998-1	103	3ZK6624-4
64	3Z3285-6	104	3ZK6643-2
65	2Z5788-1	105	3RC21BE473J
66	2ZK5788-20	106	3RC21BE573J
67	2ZK5748.15	107	3RC21AE563K
68	2Z5788-14	108	3RC21BE623J
69	6Z6759	109	3RC21BE104J
70	2Z5923	110	3Z6707B2
71	3FK865.1	111	3Z6720-1
72	3F2747-3	112	
73	2ZK396-3/B1	113	3RC21BE304J
74	3ZK6100-106	114	3RC21AE474K
75	3RC20BE100J	115	3RC21BE514J
76	3ZK6002-23	116	3RC21BE105K
77	3RC31BE300J	117	3RC41BE105K
78	3Z6004A3-2	118	3Z4593
79	3Z6004A7-19	119	2ZK7283-15M
80	3RC25CE510J	120	2ZK7283-20M
81	3RC31AE510J	121	2ZK7283-70M
82	3RC20AE750J	122	2ZK7262-1000M
83	3RC20AE101J	123	2ZK8310/R1
84	3RC20BE161J	124	2AK289-124A/R1
85	3RC20AE201J	125	3F3883/X1
86	3RC21BE511J	126	61K5020-12SZ
87	3RC21BE102J	127	2ZK8310-1
88	3ZK6150-53	128	2Z8678.18
89	3RC21BE202J	129	2Z8678.16
90	3RC41BE202J	130	3Z9058
91	3ZK6200-68	131	3ZK9825-55.3
92	3ZK6225-2	132	3Z9825-66.33
93	3RC21BE302J	133	3ZK9825-55.4
94	3RC21BE392J	134	3ZK9825-55.5
95	3RC21BE432J	135	3Z9858-8.3 (also shipped as 3ZK9858-13)
96	3RC21BE562J		
97	3ZK6575-28		
98	3RC21BE822J	136	3Z9858-8.20
99	3RC21AE103K	137	3Z9858-3
100	3RC41BE103K	138	2ZK9611.23
101	3ZK6616-4	139	2Z9613.106 (also shipped as 2ZK9612.13)
102	3RC20BE183J		
		140	2J5T4

for
SIGNAL GENERATOR BC-1077-A and BC-1277-A

ITEM NO.	SIGNAL CORPS STOCK NUMBER	ITEM NO.	SIGNAL CORPS STOCK NUMBER
141	2J6AC7	146-A	2J707A
142	2J6L7	146-B	2J707B
143	See 143-A and 143-B	147	See 147-A and 147-B
143-A	2J6SF5	147-A	2J1622
143-B	2J6SF5GT	147-B	2J6L6GA
144	2J6Y6G	148	2J0C3/VR-105
145	See 145-A and 145-B	149	2J0D3/VR-150
145-A	2J6Z5YG	150	6RK55341
145-B	2J6X5GT	151	6R55499
146	See 146-A and 146-B	152	6R57400-6

APPENDIX "ARMY"
Section 2

CROSS REFERENCE OF LIST ITEM NUMBER AGAINST SIGNAL CORPS STOCK NUMBER
for
RADIO, RADAR AND ELECTRONICS
SPARE PARTS LIST

SIGNAL CORPS STOCK NUMBER	ITEM NO.
1FK4A2.4	22
1FK4A2.5	19
1FK4A2.6	20
1FK4W1-1.6.31	18
1FK4W1-1.8.87	21
1FK4W1-1.14	23
1FK4W1-1.15.62	24
1FK4W1-1.18.75A	25
1FK4W1-1.21	26
1FK4W1-1.22.87	13
1FK4W1-1.25.25	14
1FK4W1-1.26.12	15
2AK289-124A/R1	124
2J5T4	140
2J6AC7	141
2J6L6GA	147-B
2J6L7	142
2J6SF5	143-A
2J6SF5GT	143-B
2J6X5GT	145-B
2J6Y6G	144
2J6Z5YG	145-A
2J707A	146-A
2J707B	146-B
2J1622	147-A
2J0C3/VR-105	148
2J0D3/VR-150	149
2Z395.23	2
2Z395.24	1
2ZK396-3/B1	73
2ZK561	3
2ZK710	4
2ZK738	60
2ZK2626.8	42
2ZK3001-2	45
2Z3290	56
2ZK3521-IN	58
2Z4612.46	11
2Z5523.7	53
2Z5523.8	55
2ZK5575-7	52
2ZK5748.15	67
2Z5788-1	65
2Z5788-14	68
2ZK5788-20	66
2Z5923	70
2Z7226-P242	47
2Z7226-P243	51
2Z7113.9	50
2ZK7262-1000M	122
2Z7255	46
2ZK7283-15M	119
2ZK7283-20M	120
2ZK7283-70M	121
2ZK8310-1	127
2ZK8310-1/C1	28
2ZK8310-1/D1	61
2ZK8310/R1	123
2ZK8671.16	49
2Z8678.16	129
2Z8678.18	128
2Z8799-213	48
2Z9402.99	5
2Z9408.4	6
2Z9408.34	7
2Z9408.41	9
2Z9408.42	8
2Z9410.33	10
2Z9418.18	12
2ZK9611.23	138
2Z9613.106 (also shipped as 2ZK9612.13)	139
2ZK11130-1	41
3CK1988-7	44
3CK1988-8	43
3DK8264	29

SIGNAL CORPS STOCK NUMBER	ITEM NO.	SIGNAL CORPS STOCK NUMBER	ITEM NO.
3D9050-77.3	30-B	3RC21BE562J	96
3DK9050-97	30-A	3RC21BE573J	106
3DKA2-112	31-A	3RC21BE623J	108
3DA2-114	31-B	3RC21BE822J	98
3DKA250-60	35	3RC25CE510J	80
3DKA250-61	40	3RC31AE510J	81
3DKA250-62	34	3RC31BE300J	77
3DKA250-65	36	3RC41BE103K	100
3DKA100-176	33	3RC41BE105K	117
3DB4-39 (also shipped as 3DB4-3)	37	3RC41BE202J	90
		3Z2605.2	62
		3Z3285-6	64
3DB4-54.1	38	3Z3292	57
3DKB6-13	39	3Z4593	118
3E1617	16	3ZK6002-23	76
3E1804A	27	3Z6004A3-2	78
3FK865.	71	3Z6004A7-19	79
3F2747-3	72	3ZK6100-106	74
3F3883/X1	125	3ZK6150-53	88
3F3933-57B/J1	54	3ZK6200-68	91
3F4036-276	17	3ZK6225-2	92
3HK4956-7.1	59-A	3ZK6575-28	97
3HK4956-21	59-B	3ZK6616-4	101
3K4051222	32	3ZK6624-4	103
3RC20AE101J	83	3ZK6643-2	104
3RC20AE201J	85	3Z6707B2	110
3RC20AE750J	82	3Z6720-1	111
3RC20BE100J	75	3Z9058	130
3RC20BE161J	84	3ZK9825-55.3	131
3RC20BE183J	102	3ZK9825-55.4	133
3RC21AE103K	99	3ZK9825-55.5	134
3RC21AE474K	114	3Z9825-66.33	132
3RC21AE563K	107	3Z9858-3	137
3RC21BE102J	87	3Z9858-8.3 (also shipped as 3ZK9858-13)	135
3RC21BE104J	109		
3RC21BE105K	116		
3RC21BE202J	89	3Z9858-8.20	136
3RC21BE302J	93	6LK5020-12SZ	126
3RC21BE304J	113	6RK55341	150
3RC21BE392J	94	6R55499	151
3RC21BE432J	95	6R57400-6	152
3RC21BE473J	105	6Z4998-1	63
3RC21BE511J	86	6Z6759	69
3RC21BE514J	115		

NOTE: No stock number is available for item number 112 at the present time.